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### 1 [Recognizing creative needs in user interface design](#)

Michael Terry, Elizabeth D. Mynatt

 October 2002 **Proceedings of the fourth conference on Creativity & cognition**

 Full text available: [pdf\(478.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The creative process requires experimentation, the exploration of variations, and the continual evaluation of one's progress. While these processes are frequently non-linear and iterative, modern user interfaces do not explicitly support these practices, and instead impose a linear progression through tasks that is a poor fit for creative pursuits. In this paper we use data from three case studies, and draw upon Sch\$#246;n's theory of reflection-in-action to illustrate specific deficiencies in c ...

**Keywords:** creativity, image manipulation, non-linear interaction model, on-demand previews, open-ended tasks, side view

### 2 [Classroom BRIDGE: using collaborative public and desktop timelines to support activity awareness](#)

Craig H. Ganoë, Jacob P. Somervell, Dennis C. Neale, Philip L. Isenhour, John M. Carroll, Mary Beth Rosson, D. Scott McCrickard

 November 2003 **Proceedings of the 16th annual ACM symposium on User interface software and technology**

 Full text available: [pdf\(920.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Classroom BRIDGE supports activity awareness by facilitating planning and goal revision in collaborative, project-based middle school science. It integrates large-screen and desktop views of project times to support incidental creation of awareness information through routine document transactions, integrated presentation of awareness information as part of workspace views, and public access to subgroup activity. It demonstrates and develops an object replication approach to integrating synchron ...

**Keywords:** CSCL, CSCW, activity awareness, large screen display, multiple-device system, timeline interface

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*Yang Bae Jeon; Byoung Oh Kam; Soon Sil Park; Sang Bong Kim;*  
Industrial Electronics, 2001. Proceedings. ISIE 2001. IEEE International Symposium on , Volume: 2 , 12-16 June 2001  
Pages:857 - 862 vol.2

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